

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	321	(52/557).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/29 09:22
L2	361	((52/558) or (52/559)). CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/29 09:22
L3	431	(52/554).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/29 09:22
L4	257	(83/920).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/29 09:22
L5	321	(52/557).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/29 09:22
L6	321	(52/557).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/29 09:22
L7	361	((52/558) or (52/559)). CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/29 09:22
L8	870	52/105	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/29 09:22
L9	1088	52/314	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/29 09:22
L10	485	52/555	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/29 09:22
L11	286	D25/139	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/29 09:22
L12	1219	(52/314,555).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/29 09:22
L13	1678	(52/518,543).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/29 09:22
L14	5561	L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/29 09:22
L15	472	L14 and @ay> "2004"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/29 09:22
L16	58	(rodrigues-t\$ sieling-f\$ kerkar-a\$ sebuktekin-a\$). inv.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/29 09:27
L17	4	(shingle and tab and posterior and anterior and notch).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/29 09:29
S1	309	(52/557).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 07:26
S2	355	((52/558) or (52/559)). CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 08:07
S3	411	(52/554).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 11:14

S4	255	(83/920).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 08:29
S5	949649	cylinder	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 08:29
S6	309	(52/557).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 08:29
S7	46	(S6 S2 S3 S4) and S5	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 08:30
S8	39230	asphalt	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 08:30
S9	35	S7 and S8	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/21 17:24
S11	205	(S2 S3 S6) and instal\$6	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 09:17
S12	0	("s01s2s3").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 11:14
S13	309	(52/557).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 11:14
S14	355	((52/558) or (52/559)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 11:14
S15	411	(52/554).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 11:14
S16	964	S13 S14 S15	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 11:14
S17	72	("0891501"   "1153418"   "1593095"   "1596272"   "1601731"   "1698891"   "1705497"   "1829886"   "1894614"   "1894615"   "1897139"   "2068118"   "2199760"   "3180783"   "3624975"   "3921358"   "3998685"   "4141187"   "4198257"   "4226069"   "4233100"   "4274243"   "4284470"   "4295445"   "4322928"   "4352837"   "4499702"   "4523543"   "4559267"   "4634622"   "4668315"   "4717614"   "4729814"   "4775440"   "4795661"   "4825616"   "4848057"   "4860509"   "4869942"   "4900589"   "4920721"   "5052162"   "5186980"   "5195290"   "5209802"   "5347785"   "5369929"   "5421134"   "5547707"   "5571596"   "5853858"   "5860263"   "5939169"   "6038827"   "D247786"   "D309027"   "D366124").PN. OR	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 11:15

		( "6933037" ).URPN.				
S18	19	( "1771990"   "2064473"   "2139820"   "3921358"   "5181361"   "5369929"   "5426902"   "5666776"   "6014847"   "6038826"   "6038827" ).PN. OR ( "6105329" ).URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 11:18
S19	10	( "1913836"   "2162886"   "4717614"   "5181361"   "5660014"   "5853858" ). PN. OR ( "6058670" ). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 11:18
S20	59	( "0015439"   "1310082"   "1612776"   "1627665"   "1650285"   "1674630"   "1911014"   "1958560"   "1959519"   "2000030"   "2096968"   "2113644"   "2118250"   "2196847"   "2335493"   "4333379"   "D251808"   "D265510"   "D277411"   "D309027" ). PN. OR ( "5375387" ). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/20 11:20
S21	33	(( "6578336" ) or ( "6421976" ) or ( "4541217" ) or ( "D388195" ) or ( "D366124" ) or ( "D336347" ) or ( "6523316" ) or ( "6305138" ) or ( "5901517" ) or ( "D376660" ) or ( "D375563" ) or ( "5488807" ) or ( "D366335" ) or ( "D350615" ) or ( "D340294" ) or ( "5209802" ) or ( "5181361" ) or ( "D313658" ) or ( "D313278" ) or ( "6679020" ) or ( "6467235" ) or ( "6212843" ) or ( "6195951" ) or ( "6092345" ) or ( "5660014" ) or ( "5426902" ) or ( "5375491" ) or ( "5347785" ) or ( "5287669" ) or ( "6546688" ) or ( "6457290" ) or	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/20 12:32

		("6401425") or ("5375387")).PN.				
S22	728	52/105	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/21 17:24
S23	833	52/314	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/21 17:24
S24	405	52/555	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/21 17:24
S25	186	D25/139	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/21 17:25
S26	151178	"52"/\$.cds.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 13:47
S27	13727	shingle	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 13:48
S28	4069583	method	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 13:48
S29	1123073	install\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 13:48
S30	1255	S26 and S27 and S28 and S29	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 13:50
S31	0	S26 same S27 same S28 same S29	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 13:49
S32	284	S26 and S27 same S28 same S29	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 13:50
S33	35	ashpalt	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 13:51
S34	0	S33 and S32	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/22 13:51
S35	6	((("6105329") or ("6305138") or ("6456290") or ("5220329") or ("20020148197") or ("6038827")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 08:54
S36	6	((("6105329") or ("6305138") or ("6456290") or ("6220329") or ("20020148197") or ("6038827")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 08:55
S37	6	((("6105329") or ("6305138") or ("6457290") or ("6220329") or ("20020148197") or ("6038827")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 09:33

S38	24	((("d504962") or ("d400983") or ("d452917") or ("d400981") or ("d406362") or ("d406665") or ("d403088") or ("d403087") or ("d400268") or ("d406361") or ("d401363") or ("d401363") or ("d401362") or ("d383223") or ("6361851") or ("6105329") or ("5860263") or ("5467568") or ("4825616") or ("4472243") or ("d504962") or ("6058670") or ("6038827") or ("5939169") or ("d484992") or ("d482141") or ("d504962")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 09:36
S39	180	("0748141"   "1256508"   "1584343"   "1593095"   "1596272"   "1601731"   "1619601"   "1705497"   "1738006"   "1771990"   "1795277"   "1894614"   "1894615"   "1913836"   "1915964"   "1958560"   "1962613"   "2024861"   "2064473"   "2139820"   "2162886"   "2171010"   "2194427"   "2194659"   "2196847"   "2199760"   "2378027"   "2390682"   "2423302"   "2429480"   "2555401"   "2702241"   "2772603"   "3247631"   "3624975"   "3749638"   "3921358"   "4035544"   "4225383"   "4274243"   "4284470"   "4373992"   "4404783"   "4440816"   "4442172"   "4499702"   "4559267"   "4717614"   "4835929"   "4869942"   "5052162"   "5065553"   "5094042"   "5181361"   "5195290"   "5209802"   "5295340"   "5369929"   "5375387"   "5426902"	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 09:39

		"5660014"   "5666776"   "5853858"   "5860263"   "5939169"   "6014847"   "6038826"   "6038827"   "6487828"   "D045836"   "D107209"   "D167474"   "D313658"   "D314439"   "D314628"   "D326330"   "D343911"   "D350615"   "D366124"   "D369421"   "D375563"   "D400981"   PN. OR ("4472243"   "4825616"   "5467568"   "5860263"   "5939169"   "6038827"   "6058670"   "6105329"   "6361851"   "D383223"   "D400268"   "D400981"   "D400983"   "D401362"   "D401363"   "D403087"   "D403088"   "D406361"   "D406362"   "D406665"   "D452917"   "D482141"   "D484992"   "D504962").URFN.				
S40	63	sieling.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 10:26
S41	1176	(52/314,555).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 10:26
S42	48	("1256508"   "1295360"   "1345627"   "1898989"   "2196847"   "3919823"   "4274243"   "5195290"   "5375387"   "5405647"   "5426902"   "5488807"   "5611186"   "5624522"   "5660014"   "5664385"   "5666776"   "D300257"   "D309027"   "D313278"   "D336347"   "D340294"   "D343911"   "D369421"   "D375563"   "D376660"   "D379672").PN. OR ("6014847").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/25 10:32
S43	1	("2427522").URFN.	USPAT	OR	ON	2006/09/25 10:44

S44	33	((("6578336") or ("6421976") or ("4541217") or ("d388195") or ("d366124") or ("d336347") or ("6523316") or ("6305138") or ("5901517") or ("d376660") or ("d375563") or ("5488807") or ("d366335") or ("d350615") or ("d340294") or ("5209802") or ("5181361") or ("d303658") or ("d313278") or ("6678020") or ("6467235") or ("6212843") or ("6195951") or ("6082345") or ("5660014") or ("5426902") or ("5375491") or ("5347785") or ("5287669") or ("6546688") or ("6457290") or ("6401425") or ("5375387"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/25 13:03
S45	2	((("6038827") or ("20070017330"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/30 06:38
S46	44	(US-20030163964-\$ or US-20040079042-\$ or US-20010000372-\$ or US-20040123543-\$).did. or (US-6933037-\$ or US-6715252-\$ or US-6692608-\$ or US-6920730-\$ or US-6305138-\$ or US-6289648-\$ or US-6220329-\$ or US-6105329-\$ or US-6457290-\$ or US-6361851-\$ or US-6421976-\$ or US-6038827-\$ or US-6014847-\$ or US-6195951-\$ or US-6058670-\$ or US-5666776-\$ or US-6038826-\$ or US-5426902-\$ or US-4869942-\$ or US-4333279-\$ or US-4848057-\$ or US-2571057-\$ or US-2132209-\$ or US-2112898-\$ or US-1911014-\$ or US-2188208-\$).did. or (US-	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/23 13:12

		1894614-\$ or US-4795661-\$ or US-D375563-\$ or US-D336347-\$ or US-D388195-\$ or US-6820383-\$ or US-D406361-\$).did. or (US-2006417-\$ or US-2197972-\$ or US-1689290-\$ or US-1500709-\$ or US-2150004-\$ or US-1931554-\$ or US-2188208-\$).did.				
S47	6	S46 and cylinder	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/23 13:12
S48	7	"6105329"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/16 09:26
S49	1	("6105329").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 09:26
S50	20	("1771990"   "2064473"   "2139820"   "3921358"   "5181361"   "5369929"   "5426902"   "5666776"   "6014847"   "6038826"   "6038827").PN. OR ("6105329").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/16 09:27
S51	1560705	shingle same tab same (varying different) pattern	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/16 09:31
S52	100	shingle same tab same (varying different) same pattern	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/16 09:32
S53	1096	(52/555,543).CCL.S.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/26 14:40
S54	1678	(52/518,543).CCL.S.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/26 14:40
S55	36	shingle same tab and headlap and notch	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/26 18:56
S56	85	shingle same tab and headlap and (notch alignment)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/26 18:56

5/ 29/ 2010 9:30:35 AM

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